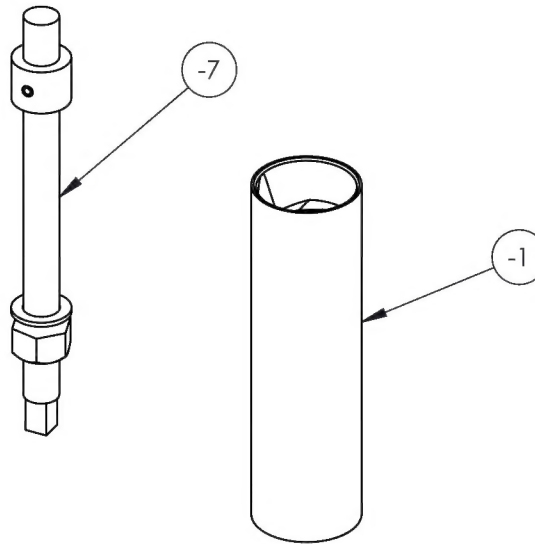


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	CH'D TITLE WAS LOCKING TOOL IS CRIMPER. ADDED NOTE REF. PRATT & WHITNEY T/N: PWC30458.	4/8/2014	DPD	RJC

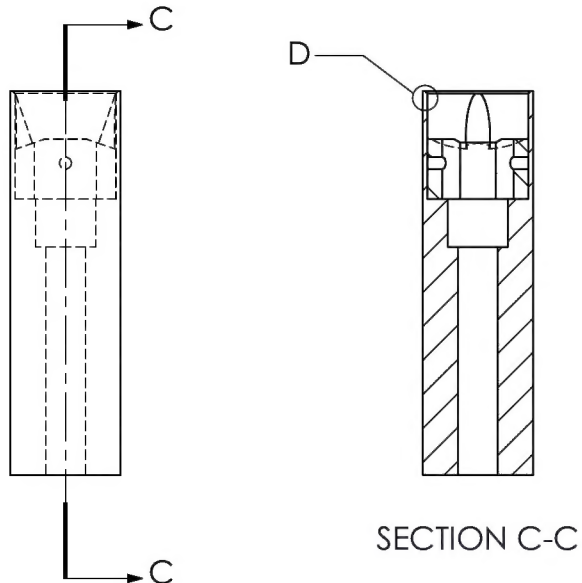


NOTE:
REF. PRATT & WHITNEY T/N: PWC30458.

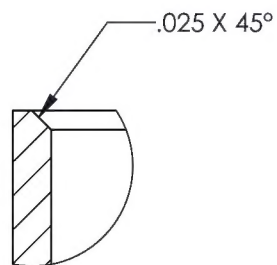
ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	RED BARN MACHINE			
	X		-1	1	TUBE ASSY			2	TITLE			
	1		-3		TUBE	4140	Ø1-1/4 X 4-1/8	3	CRIMPER			
	1		-5		INSERT	4140	Ø1-1/8 X 1-1/4	4	DWG NO. RB PWC30458			REV A
X			-7	1	STUD ASSY			5	MAT'L			
1			-9		STUD	4140 Q & T	Ø3/8 X 5-1/8	6	DRAWN BY: GILBERT			
1			-11		BUSHING	1018	Ø5/8 X 5/8	7	UNLESS OTHERWISE SPECIFIED			
1		B/O	-13		SPRING PIN	STEEL	1/8 X 5/8 MCMaster-CARR #90692A696	5	DIMENSIONS ARE IN INCHES			
1		B/O	-15		WASHER	STEEL	Ø3/8 MCMaster-CARR #95229A490	5	.XXX ± .005 FRACTIONS ± 1/32			
1		B/O	-17		NUT	STEEL	3/8-16 MCMaster-CARR #95479A118	5	.XX ± .01 ANGLES ± 5°			
ASSY -7	ASSY -1								1. BREAK ALL SHARP EDGES .015 x 45°			
									OR .015R			
									2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
									SCALE 1:2			
									DATE 3/2/2012		SHEET 1 OF 7	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

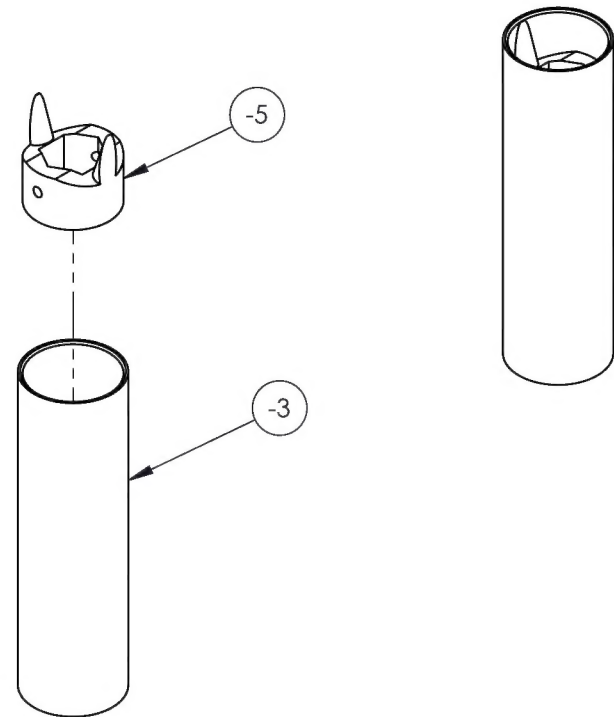


SECTION C-C



DETAIL D
SCALE 4 : 1

①
TUBE ASSY

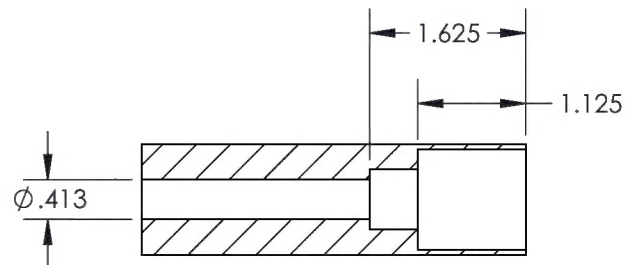
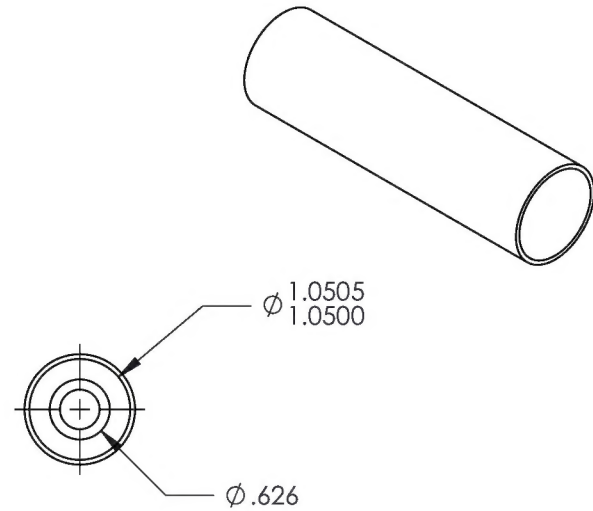
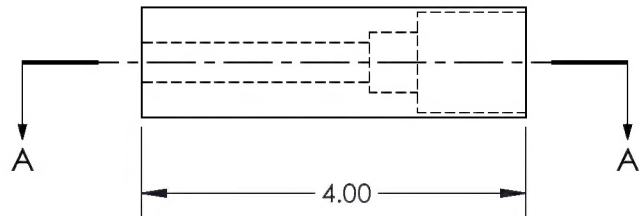


NOTE: PRESS -5 (INSERT) INTO -3 (TUBE), THEN
MACHINE CHAMFER AS DETAILED.

RED BARN MACHINE	
CRIMPER	
DWG NO.	RB PWC30458-1
MAT'L	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
ANGLES ± 5°	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 3/2/2012
SHEET 2 OF 7	

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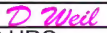
REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



SECTION A-A

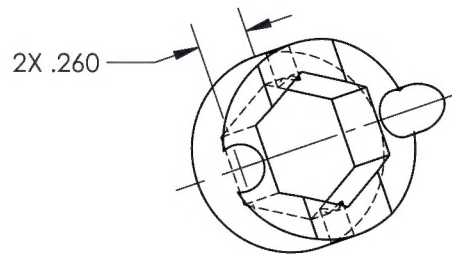
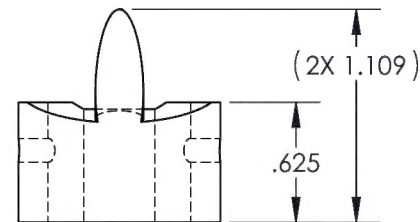
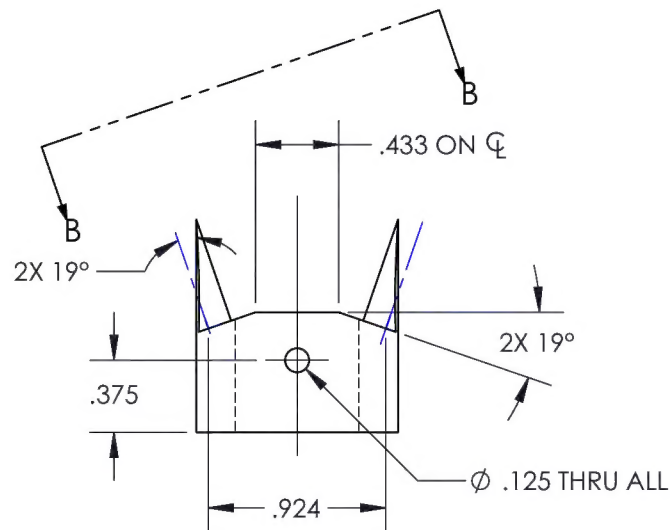
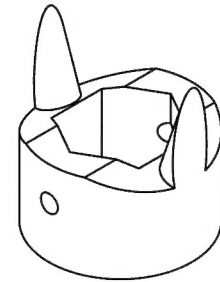
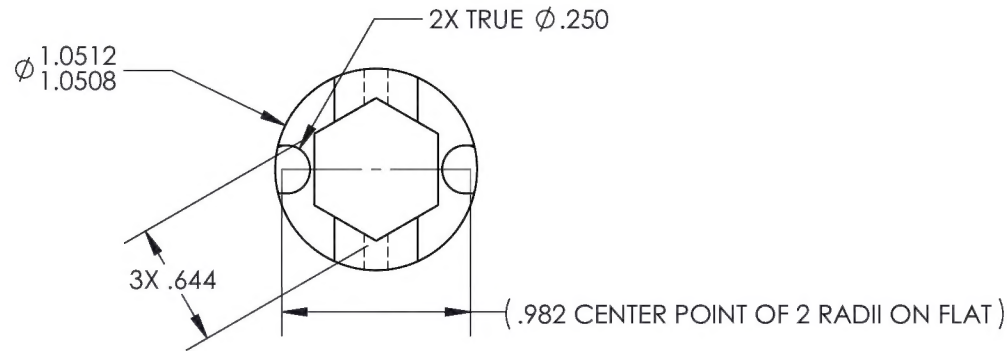
③

TUBE

 RED BARN MACHINE	
TITLE CRIMPER	
DWG NO. RB PWC30458-3	REV A
MAT'L 4140	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED 
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT 28-32 HRC FINISH SPEC
SCALE 1:2	DATE 3/2/2012
USED ON MODEL	
SHEET 3 OF 7	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED



VIEW B-B

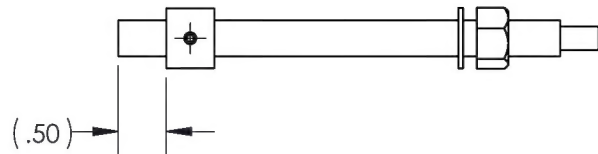
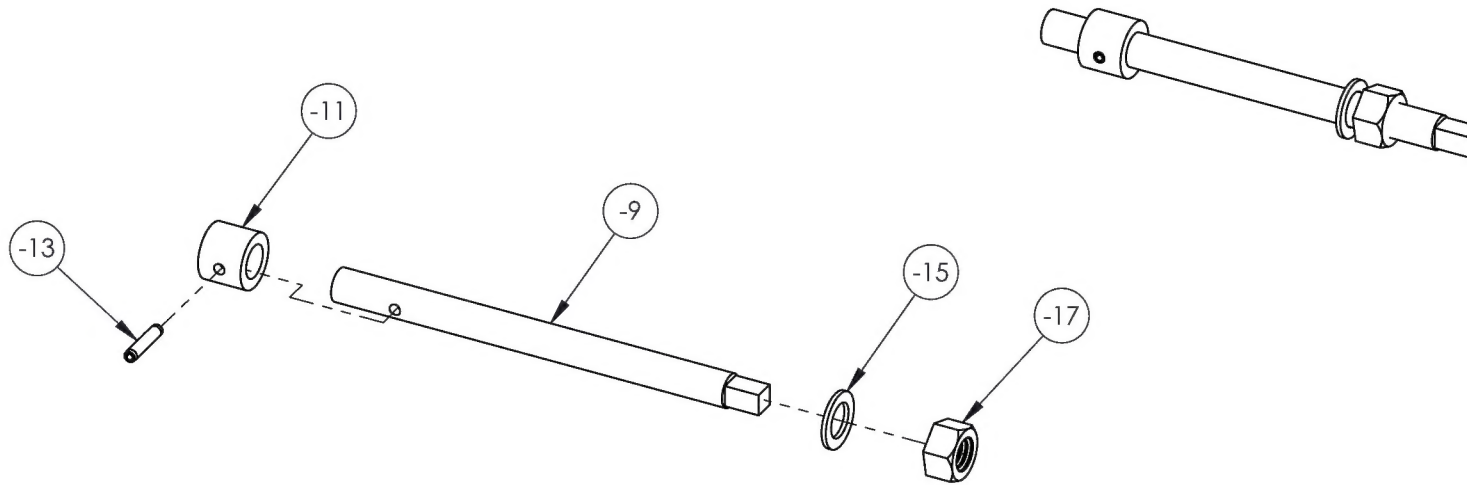
(-5)

INSERT


 RED BARN MACHINE	
TITLE CRIMPER	
DWG NO. RB PWC30458-5	REV A
MAT'L 4140 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: GILBERT APPROVED <i>D Weil</i> HEAT TREAT 38-42 HRC FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
SCALE 1:1	DATE 3/2/2012
SHEET 4 OF 7	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL

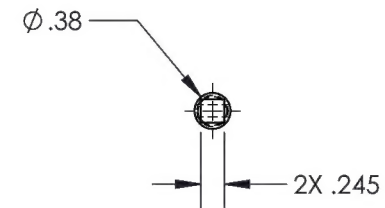
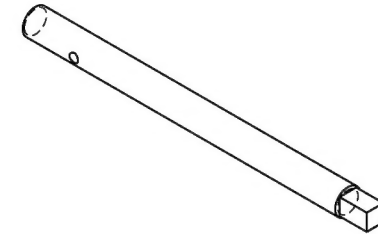
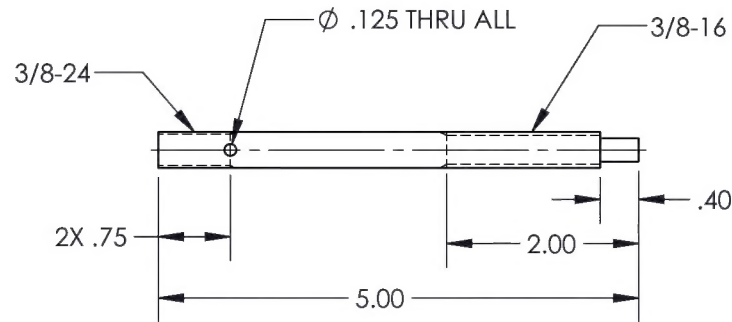


(7)
STUD ASSY

 RED BARN MACHINE	
TITLE CRIMPER	
DWG NO. RB PWC30458-7	REV A
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: GILBERT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 3/2/2012
SHEET 5 OF 7	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

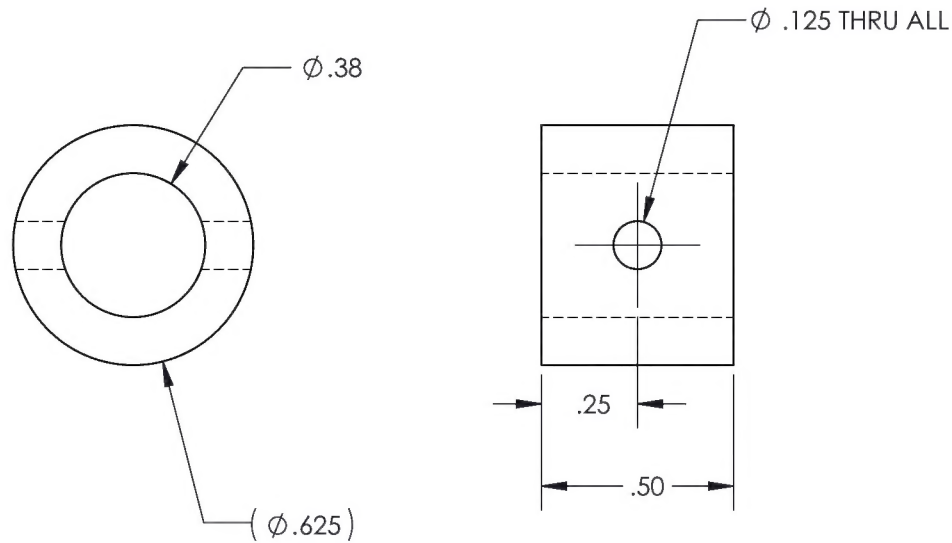


(-9)
STUD

 RED BARN MACHINE	
TITLE CRIMPER	
DWG NO. RB PWC30458-9	REV A
MAT'L 4140 Q & T	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1	APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
SCALE 1:2	DATE 3/2/2012
SHEET 6 OF 7	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
APPROVED			



(-11)

BUSHING

 RED BARN MACHINE	
TITLE CRIMPER	
DWG NO. RB PWC30458-11	REV A
MAT'L 1018	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX \pm .005 .XX \pm .01 .X \pm .1 FRACTIONS \pm 1/32 ANGLES \pm 5°	APPROVED 
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH SPEC USED ON MODEL
SCALE 2:1	DATE 3/2/2012
SHEET 7 OF 7	